

Anti-IL12RB1 Antibody

CATALOG NO.: A1772-100 100 µl.

BACKGROUND DESCRIPTION: The protein encoded by this gene is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. This protein binds to interleukin 12 (IL12) with a low affinity, and is thought to be a part of IL12 receptor complex. This protein forms a disulfide-linked oligomer, which is required for its IL12 binding activity. The Coexpression of this and IL12RB2 proteins was shown to lead to the formation of high-affinity IL12 binding sites and reconstitution of IL12 dependent signaling. The lack of expression of this gene was found to result in the immunodeficiency of patients with severe mycobacterial and Salmonella infections. Two alternatively spliced transcript variants of this gene encoding distinct isoforms have been reported.

ALTERNATE NAMES: CD212, I12R1, IL-12 receptor beta component, IL-12 receptor subunit beta-1, IL-12R subunit beta-1, IL-12R-beta-1, IL12RB, IMD3, Interleukin 12 receptor beta 1 chain, Interleukin-12 receptor subunit beta-1, MGC34454.

ANTIBODY TYPE: Polyclonal

CONCENTRATION: 0.1 mg/ml

HOST/ISOTYPE: Rabbit / IgG.

IMMUNOGEN: Recombinant protein of human IL12RB1.

PURIFICATION: Affinity purification.

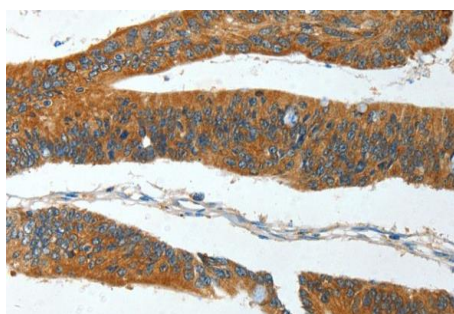
FORM: Liquid.

FORMULATION: PBS with 0.05% sodium azide, 50% glycerol, PH7.3

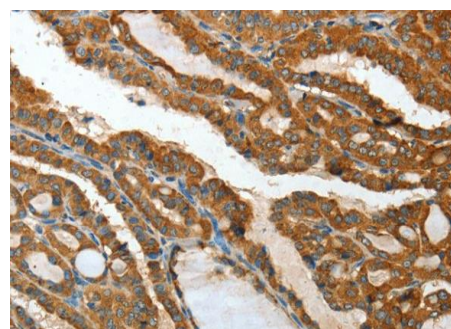
SPECIES REACTIVITY: Human.

STORAGE CONDITIONS: Store at -20°C. Avoid freeze / thaw cycles.

APPLICATIONS AND USAGE: IHC 1:25-1:100.



IHC staining of paraffin-embedded Human colon cancer tissue using Anti-IL12RB1 Antibody.



IHC staining of paraffin-embedded Human thyroid cancer tissue using Anti-IL12RB1 Antibody.

RELATED PRODUCTS:

- Human CellExp™ IL-12, Human Recombinant (Cat# 6467).
- Anti-IL10RA Antibody (Cat# A1770).
- IL-12p40 Antibody (Cat# 5732).
- Anti-IL10RB Antibody (Cat# A1771).

FOR RESEARCH USE ONLY! Not to be used on humans.